PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2651213

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PROMIND CO., LTD.	09/30/2013

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 15

Property Type	Number
Application Number:	09884856
Application Number:	10273403
Application Number:	10142670
Application Number:	11474191
Application Number:	10689504
Application Number:	09955475
Application Number:	10059893
Application Number:	10970841
Application Number:	11929132
Application Number:	11536542
Application Number:	11929383
Application Number:	12644105
Application Number:	12705537
Application Number:	12705536
Application Number:	11352520

PATENT

REEL: 031831 FRAME: 0807

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Total Attachments: 5

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EXHIBIT A

List of Patents

Patent on Applino	Biling Date	The Wallitle and Inventors
Patent No. 6,487,494 (US)	06/18/2001	"Vehicle navigation system and method" Giliad Odinak (Bellevue, WA) Marc Phillips (San Diego, CA) Nishith K. Chaubey (San Diego, CA)
Patent No. 6,671,617 (US)	10/06/2002	"Vehicle navigation system and method" Giliad Odinak (Bellevue WA) Marc Phillips (San Diego CA) Nishith K. Chaubcy (San Diego CA)
Patent No. 6,691,026 (US)	05/10/2002	"Vehicle navigation system and method" Giliad Odinak (Bellevue WA) Alastair Bruce Sutherland (Seattle WA)
U.S. Patent App. 11/352,520 (US)	02/10/2006	"Vehicle navigation system and method" Giliad Odinak (Bellevue WA) Alastair Bruce Sutherland (Seattle WA)
Patent No. 7,330,786 (US)	06/23/2006	"Vehicle navigation system and method" Giliad Odinak (Bellevue, WA) Alastair Bruce Sutherland (Seattle, WA)
Patent No. 7,092,816 (US)	10/21/2003	"System and method for reducing the amount of repetitive data sent by a server to a client for vehicle navigation" Giliad Odinak (Bellevue, WA) Marc Phillips (San Diego, CA) Nishith K. Chaubey (San Diego, CA)
Patent No. 6,591,168 (US)	09/17/2001	"System and method for adaptable mobile user interface" Giliad Odinak (Bellevue, WA) Hakan Kostepen(Escondido, CA)
Patent No. 7,164,922 (US)	01/29/2002	"Local phone number lookup and cache" Thomas R. McCann (North Bend, WA)
U.S. Patent App. 10/970,841	10/20/2004	"System and method for adaptable mobile user interface" Giliad Odinak (Bellevue, WA), et al.
U.S. Patent App. 11/933,149	10/31/2007	"Vehicle navigation system and method" Giliad Odinak (Bellevue, WA), et al.
U.S. Patent App. 11/929,132	10/30/2007	"Vehicle navigation system and method" Giliad Odinak (Bellevue, WA), et al.

06/05/2006	"System and method for reducing the amount of repetitive data sent by a server to a client
	for vehicle navigation" Giliad Odinak (Bellevue, WA), et al.
10/30/2007	"System and method for reducing the amount of repetitive data sent by a server to a client for vehicle navigation"
06/03/2003	Giliad Odinak (Bellevue, WA), et al. "System and method for adaptable mobile user interface" Giliad Odinak (Bellevue, WA), et al.
10/30/2007	Status: abandoned "System and method for adaptable mobile user interface" Giliad Odinak (Bellevue, WA), et al.
09/28/2006	"Local Phone Number Lookup and Cache" Thomas R. McCann (North Bend, WA), et al.
10/30/2007	"Local Phone Number Lookup and Cache" Thomas R. McCann (North Bend, WA), et al.
12/22/2009	"Vehicle navigation system and method" Giliad Odinak (Bellevue, WA), et al.
02/12/2010	"System and method for reducing the amount of repetitive data sent by a server to a client for vehicle navigation" Giliad Odinak (Bellevue, WA), ct al.
02/12/2010	"System and method for reducing the amount of repetitive data sent by a server to a client for vehicle navigation" Giliad Odinak (Bellevue, WA), ct al.
	06/03/2003 10/30/2007 09/28/2006 10/30/2007 12/22/2009 02/12/2010

EXHIBIT B

Assignment of Patent Rights

ASSIGNMENT OF PATENT RIGHTS

WHEREAS, ProMind, a company formed under the laws of the Korea (hereinafter "Soller"), is the owner of rights to the patents listed on Exhibit A attached hereto (the "Patents").

WHEREAS, LG Electronics, an association duly organized under the laws of Korea (hereinafter "Purchaser") is acquiring Seller's entire right, title, and interest in, to, and under said Patents, as well as their foreign counterparts, under the terms of a Patent Assignment Agreement (the "Agreement").

NOW THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Seller does hereby sell, assign, transfer, and set over to Purchaser, Seller's entire right, title, and ownership interest in the Patents, and any inventions claimed in said Patents, any continuations, continuations-in-part, divisions, extensions, amendments, conversions, renewals, restorations, or any reissue or reissues of said Patents already granted and which may be granted, any certificates of reexamination already granted and which may be granted, the same to be held and enjoyed by Purchaser for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, or other legal representatives, to the end of the term or terms for which said Patents are or may be granted, reissued, or extended as fully and entirely as the same would have been held and enjoyed by Seller if this assignment and sale had not been made; together with all claims for damages by reason of past infringement of said Patents, with the right to sue for, and collect the same for its own use and behalf, and for the use and behalf of its successors, assigns, or other legal representatives. This assignment is subject to Seller's reservation of non-exclusive license rights, as provided in the Agreement.

And, Seller hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States on said inventions to Purchaser as assignee of Seller's entire interest, and hereby covenants that Seller has full right to convey Seller's entire interest herein assigned, and that, except, as otherwise provided between the parties, Seller has not executed, and will not execute, any agreements in conflict therewith.

IN WITNESS WHEREOF, the parties, by their duly authorized representatives, have executed this Assignment.

ProMind Co., Ltd.

By: Vangos (C Name: SAMSOO KIM

Title:

Date:

LG Electronics Inc.

By: Name: Title:

Date:

PATENT REEL: 031831 FRAME: 0813

RECORDED: 12/17/2013